Links – Modern Hyp., Videos referenced → GitHub

– JOT spec & related
– Computer Lib book – Micro ref
HES – Barret & the links
Paper 1971 – with Cardboard Model

Lecture Handout – In Selected Papers
– Junk Mail collection.

– HyperStudio
– HyperDuino

– Lollipop Diagram – Selected Papers?

Print – KB Lang – 22 downloads + 1
Geek, Bear's Guide Chapter Summary
Periplex – Lulu
Literary Machines
Intertwingled Book
– Video – X 2, Unix, Used, New Gen's Pam.

Did Engelbart work at Xerox Parc?
"work for Xerox PARC"

Demo my Chord Keyboard. 1-26, 27-31 – Mode?

– X Space Links, OpenXanadu, Corina Books, JS → Plane Demo – Nelson Docs.

– Royals – Dob Children.
14:00 Lazy = Prog Lang.

– Accuracy
– Tumbler Arts
– Enfilade Theory
– Fantics

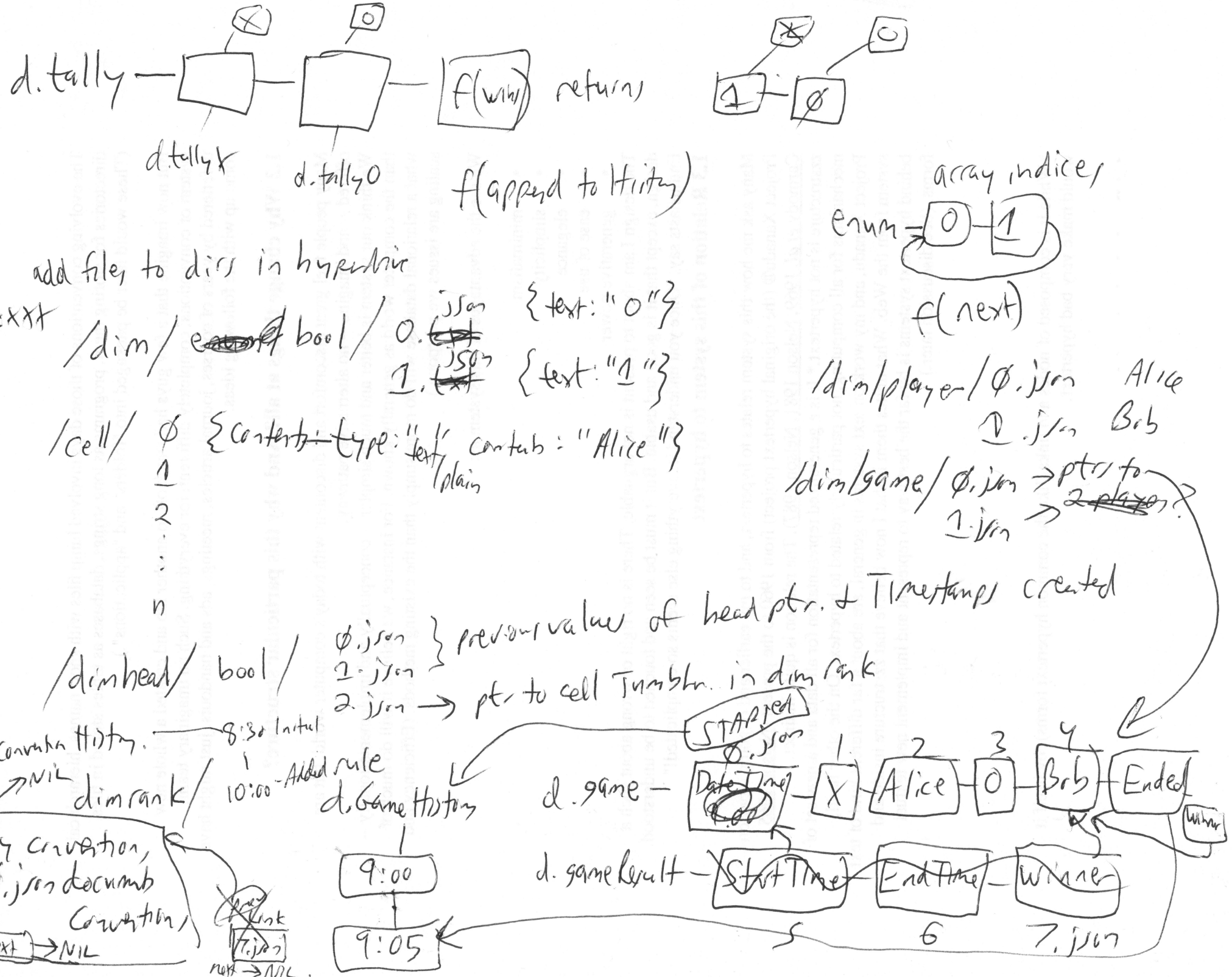
Emerging Decentralized Internet:

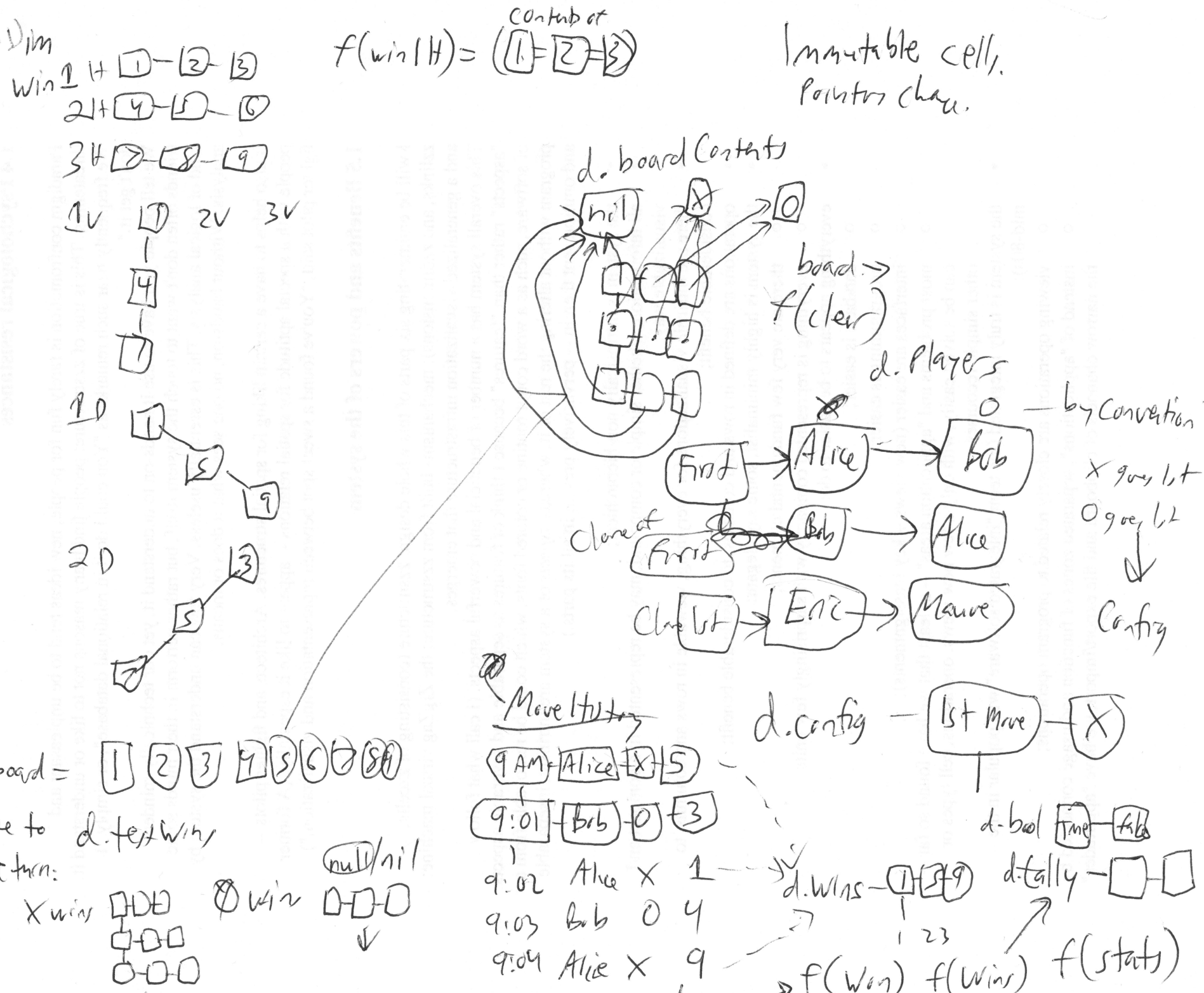
– GS Mic
Link to HyperCard website
– Hyp. Stacks – Archive.org
– VCF East link

HTBrew

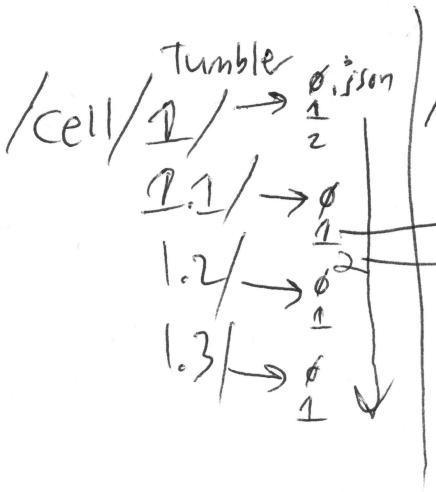
Advanced Page
– 22
– Tumblers
– Enfilades

12:40 error – Cambridge


d.tally
f(win)
returns
d.tally[X]
d.tally[O]
f(appended to History)
array indices
enum
0
1
f(next)
add files to dirs in hyperdrive
dat://xxx
/dim/
bool/
0.json {text: "0"}
1.json {text: "1"}
/cell/
0 {content-type: "text/plain" content: "Alice"}
1
2
n
/dim/player/
0.json Alice
1.json Bob
/dim/game/
0.json → ptr to
1.json →
/dimhead/ bool/
0.json
1.json
2.json → ptr to cell Timestamp in dim rank
} previous value of head ptr. + Timestamps created
A. Conversation History
8:30 Initial
10:00 Added rule
dim rank/
Prev → NIL
by convention, 0.json doesn't exist
Next → NIL
7.json
next → NIL
d. Game History
9:00
9:05
STARTED
0.json
d. game
Date Time
X
Alice
O
Bob
Ended
Winner
d. game Result
Start Time
End Time
Winner
5
6
7.json


Dim
Win 1 H 1 2 3
2 H 4 5 6
3 H 7 8 9
1 V 1 2V 3V
1 D
2 D
f(win1H) = Contains of
Immutable cell.
Pointers change.
d.boardContents
nil
X
O
board =>
f(clear)
d.Players
First
Alice
Bob
0
by Convention
X goes 1st
O goes 1,2
Config
Clone of First
Clone 1st
Enc
Mauve
d.board =
Clone to d.testWins
return:
X win
O win
null/nil
Move History
9AM Alice X 5
9:01 Bob O 3
9:02 Alice X 1
9:03 Bob O 4
9:04 Alice X 9
d.config
1st Move
X
d.bool
True
false
d.wins
d.tally
1 2 3
f(Wins)
f(Wins)
f(stats)

3D Zigzag, DAT Tumbler.



/dim/player/

Immutable

0.json { tumbler: "1.1" index: "1"
~~player~~ ID: {GUID}A

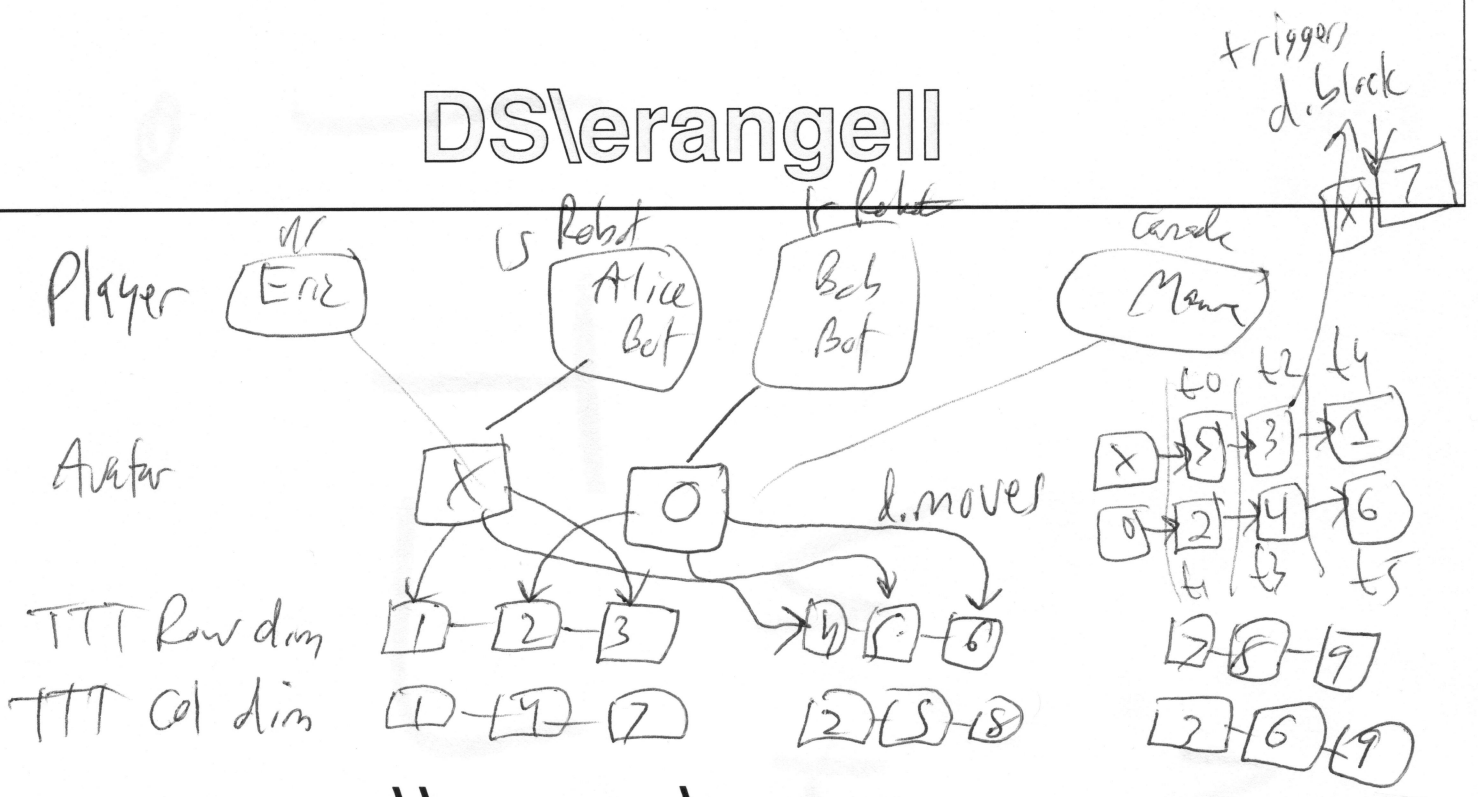
1.json { tumbler: "1.2" index "0"
GUIDB

2.json { tumbler: "1.1.1" index "0"
ID: GUIDA

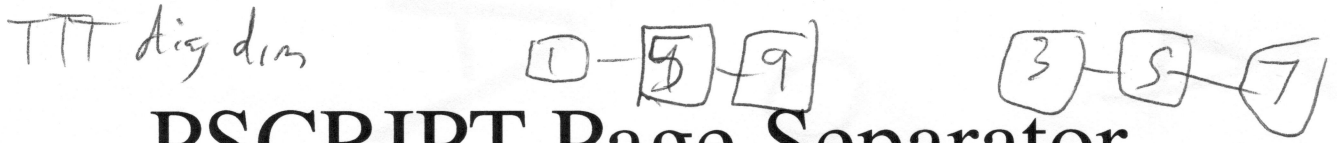
RPi w ZSH?

- And if trail of same object: Append new json file
- New object — create new tumbler.

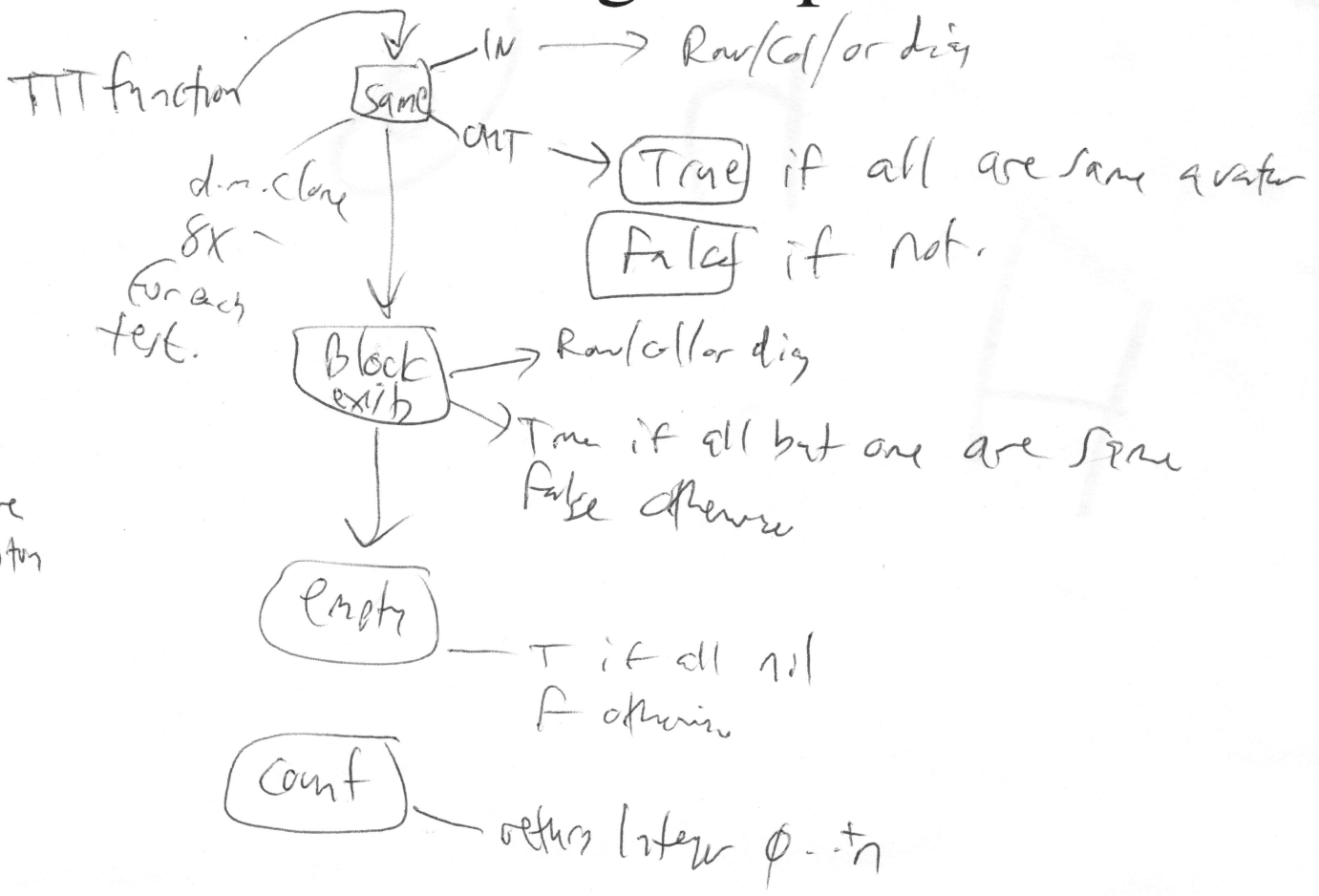
DS\erangell



\\server\name

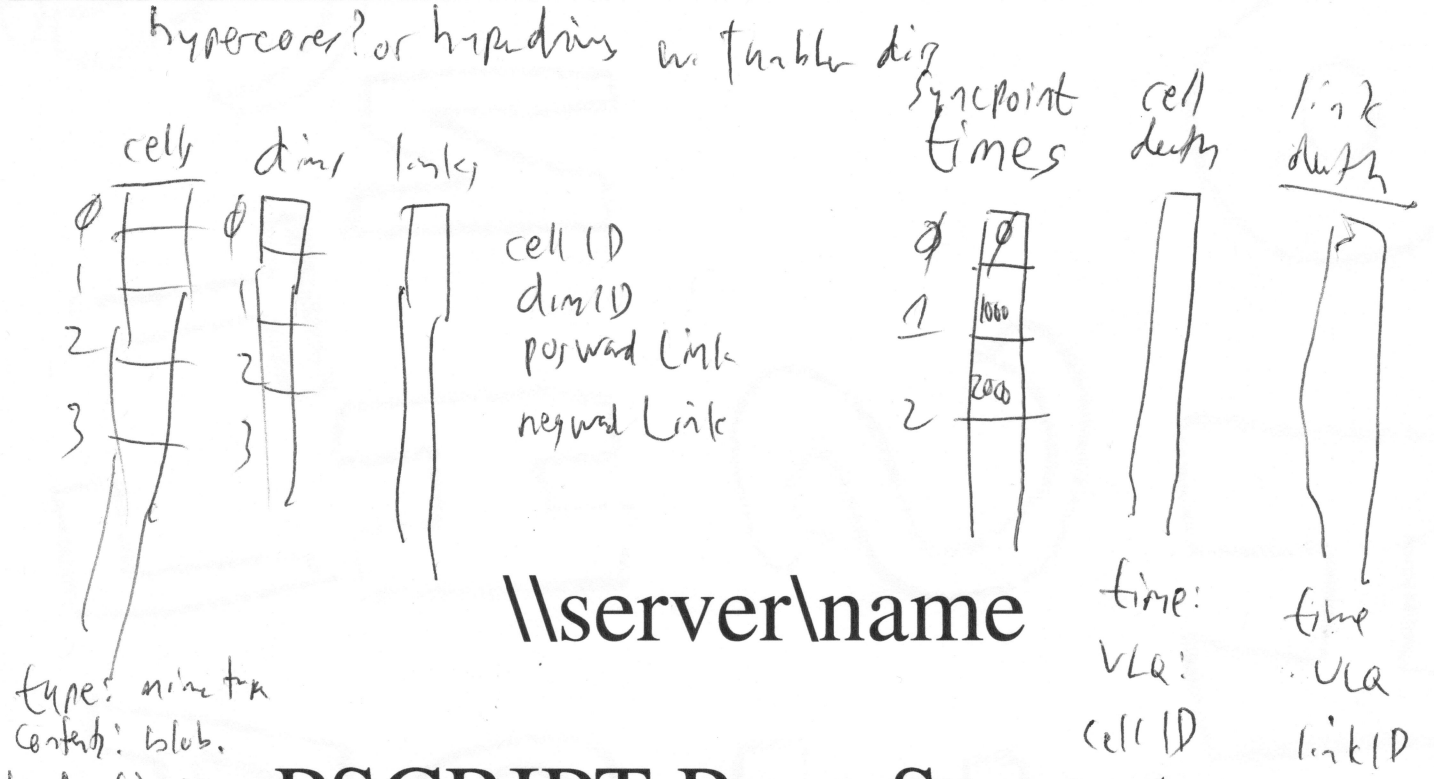


PSCRIPT Page Separator



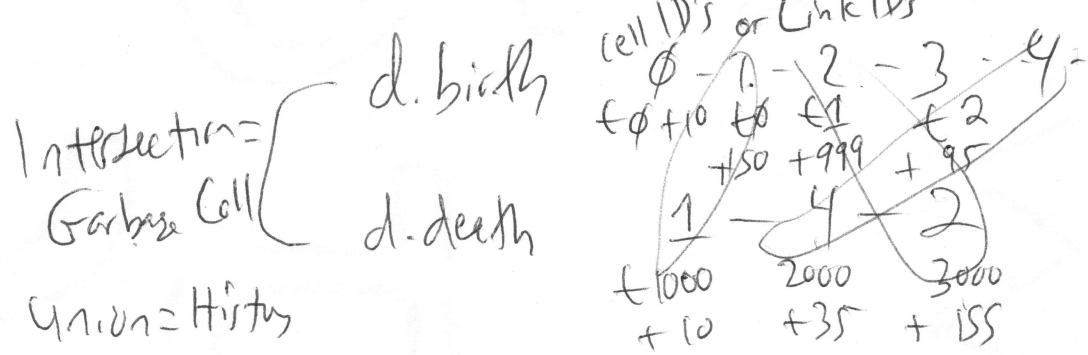
DS\erangell

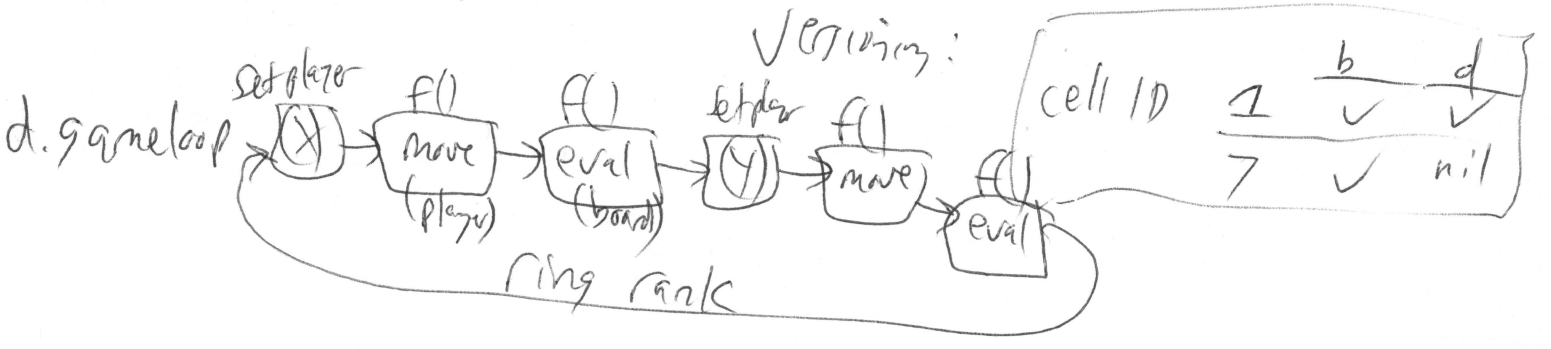
hypercores? or hyperdims in tumble dig



\\server\name

PSCRIPT Page Separator





Branch DAT2 — start looking at it.

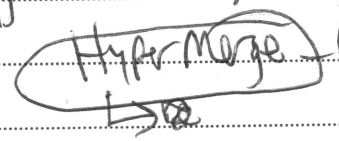
Issue 31

B2PCommons/sdk-js.

Coding to a question.

Rotf — Union mounts.

HyperMerge — PUT write.



Fuse mount will replace it's role for multiwriter

1.0 release upcoming

Create more content examples.

HyperDB — plans to update the workshop.

↓

KappaDB.

Corestore — abstract multiple namespaces to manage hypdrives

Create Manage Lots of hypdrives,

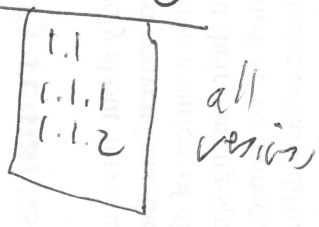
Substack — Multifeed storage

www.diahome.org

ZZ structure for music –
edit Lilypond source
extract parts = render calls – function to render each part

Think combining it with Sheldake's idea

decent ZZ



all versions

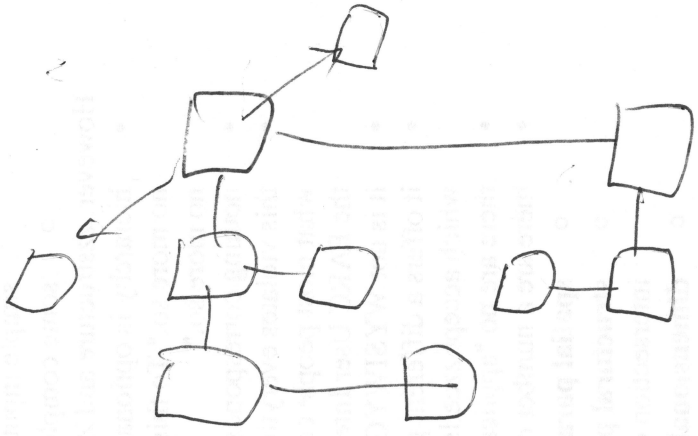
Music as a test case – ZZ – all, functional

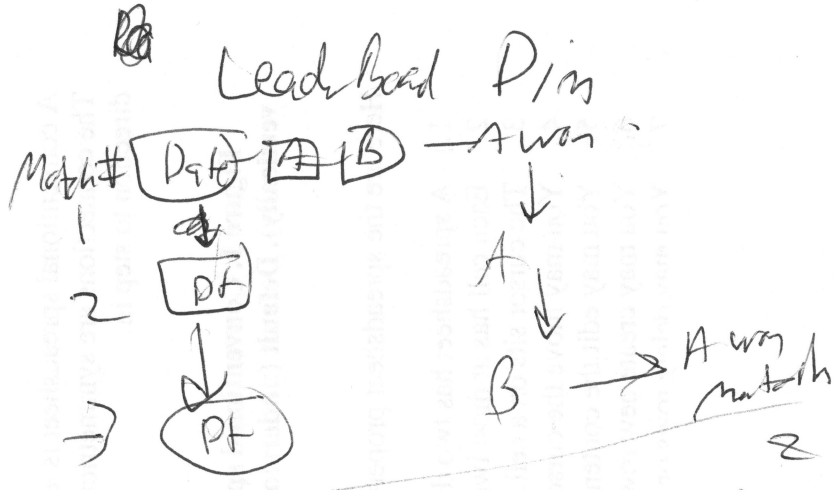
Kate's video – suggestions –
St. Ekembe snow globe ...

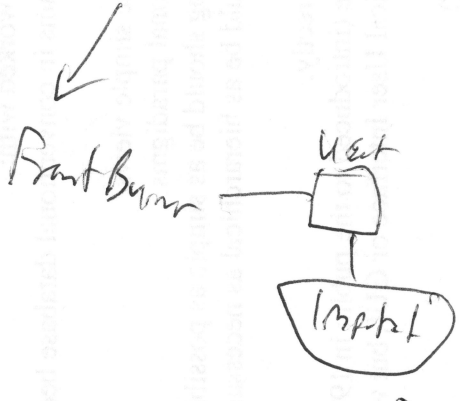
ZZ Mountains
Mountains are ZZdirs.

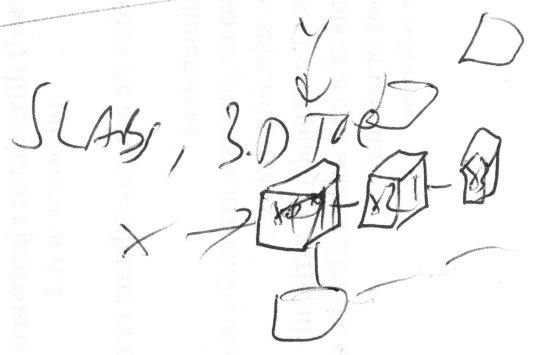
DAO ...

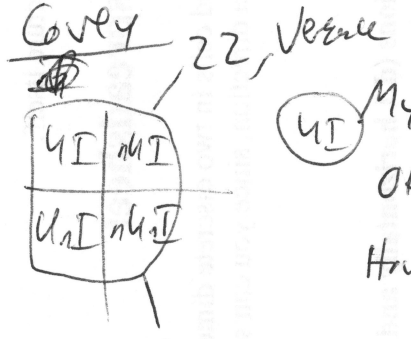
Alaska d App

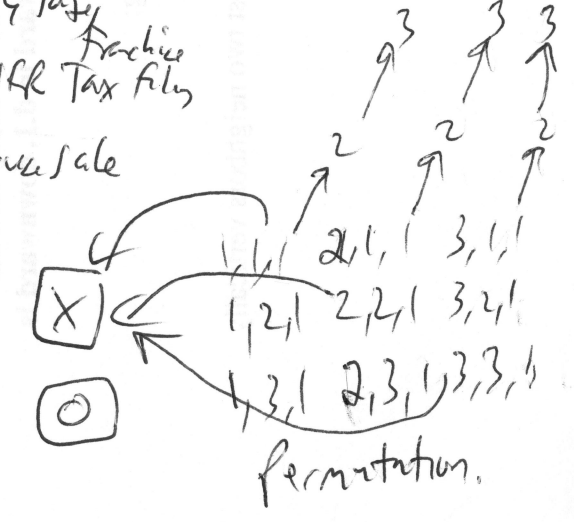




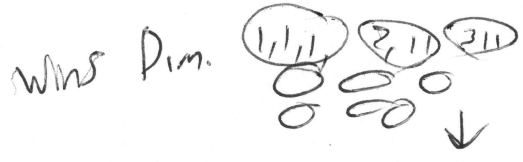








52 wins in 3PTT?



Ted Nelson's Vision 6'x3' – bring UPS Byte Jun '88

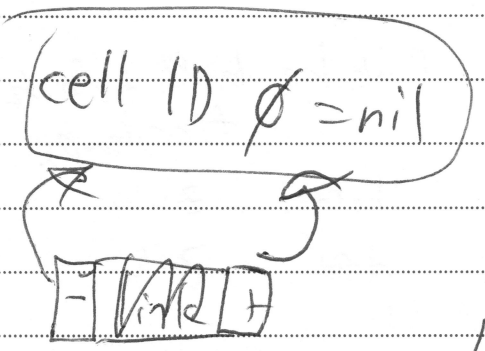
45TH ANNUAL MEETING
San Diego Convention Center
San Diego, California
June 21-25, 2009

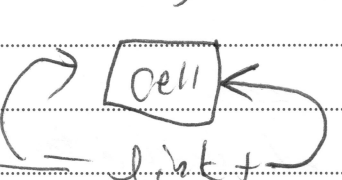
DIA
DRUG INFORMATION ASSOCIATION

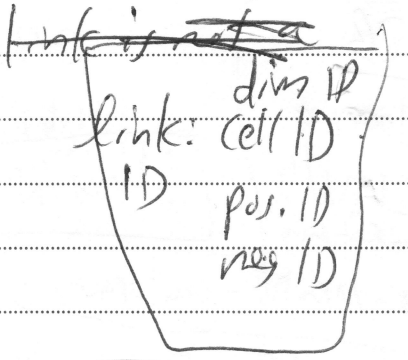
46TH ANNUAL MEETING
Washington Convention Center
Washington, DC
June 13-17, 2010

X Covington – 15% thru take price
min $2

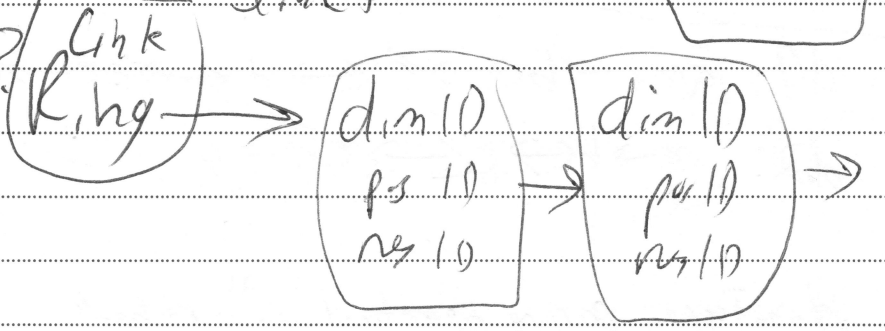
ZigZag: F S C E I J L,
U = Undo ⇧U = Redo
N + arrow = new cell in specified direction
lowercase V = change. Data view: Row, Column, Vanishing, Stretch Vanishing





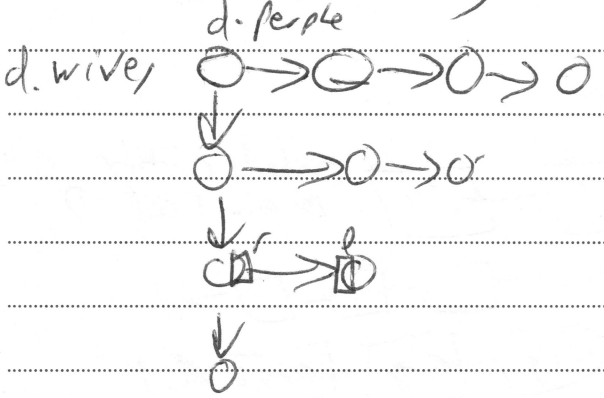


cell has linkID array
or + +

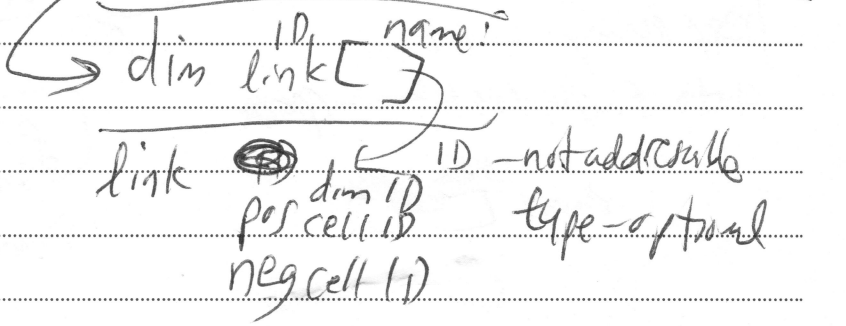


cell → dim-pos-neg.

dimension is a ring.



cell: ID type: label, procell
content ref
dimension[] or dimLink[]



cell → link(ID, dimID, t, -)

link[]

0 count

1 | 8000000 | 8bit | ptr

180 | invalid VLQ

1bit 2bit
0 | 128
1 | |
127 | 2^14

VLQ for ID?

Trigger — Constraint
Can only add link when #links(cell ID, dim ID) = ∅

dim ID space

ref counting of links

reserved: bool

Append only lists

dimension list

nil — link+ cell — link cell — nil

head cell
Ceft = nil
Unlink rightmost.

needLink ID

DB
logging
LMWs
partitioning
InMemDB — autosave

insrank
d.headcell

link has birth + death timestamps.
'born': Zulu
'died' Zulu

o/ shortcut for current site

d1: a ↔ b ↔ c ↔ d ↔ e ↔ f ↔ g

d2: a ↔ h ↔ c ↔ e ↔ g

intersects with 4 cells.

dimType: passive, operational — "watcher"

concurrent dim Comment lists

SBARPe

d.curs: [ ] link to cursed cell

d.clone: a — a' — a'' — a'''

contents contain reference to cell ID

heap memory — no GC
auto flush/retrieve — sparse

result — nil

program — arg — arg — arg — nil

main
object

function!

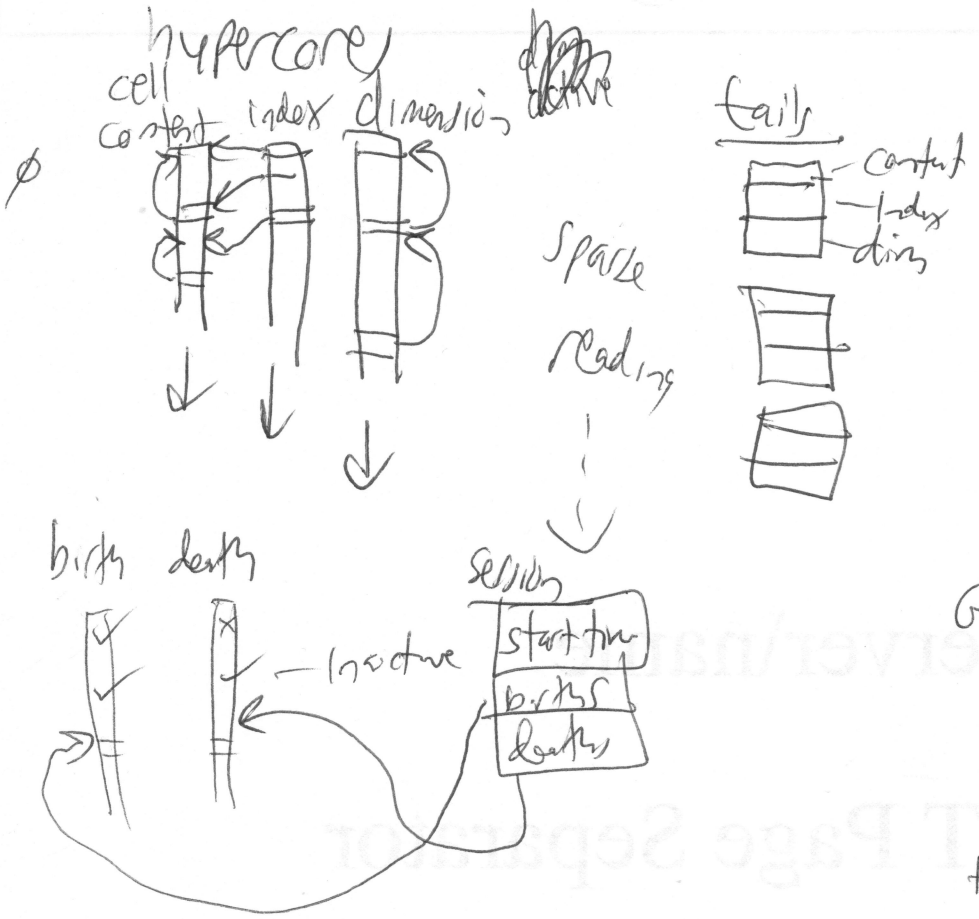
2001, 2003

View = navigation + display rules — intersecting dims...

I + H wives

Unfreight: □ = unique ⊖ = clone — clone function,

(repeat chorus)



History is a MIDI file

VLQ
event – relative time
VLQ
event

Parallel history = Multitrack

Game = MFF0 file

81 xx yy = Alice

82 xx yy = Bob

Hypercores are MIDI tracks.

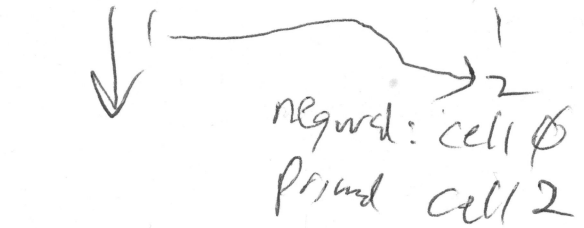
ΔTimes! 0-7F
80-FF, 0-7F
etc

d.archive or d.history

Build 22 demos in Afrae / JS

Use Arrays → index = ptr

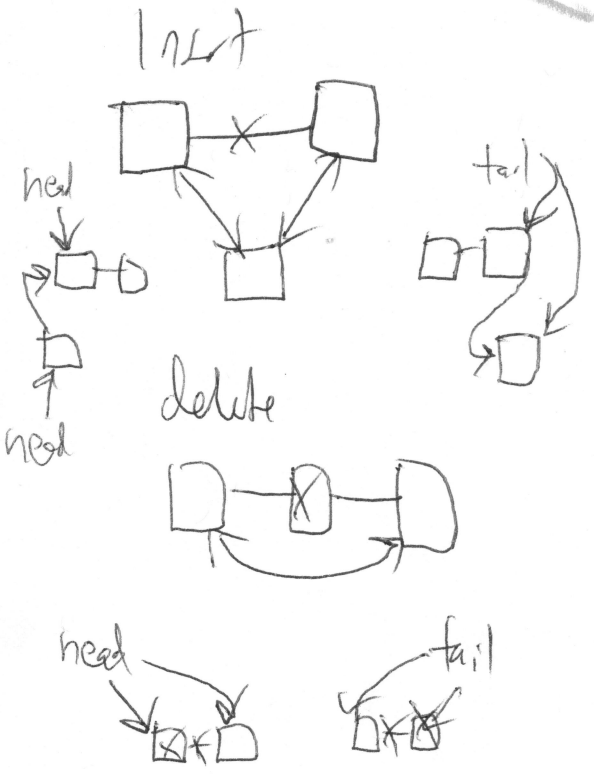
cell[ø] link[ø]

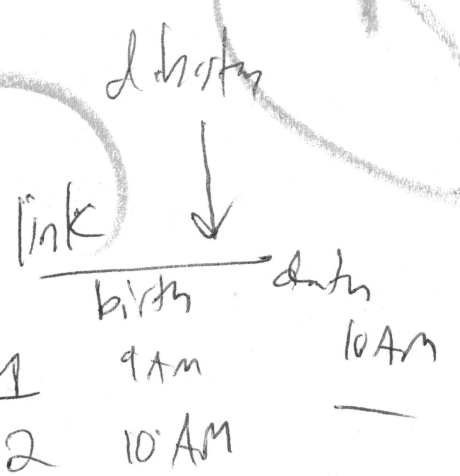


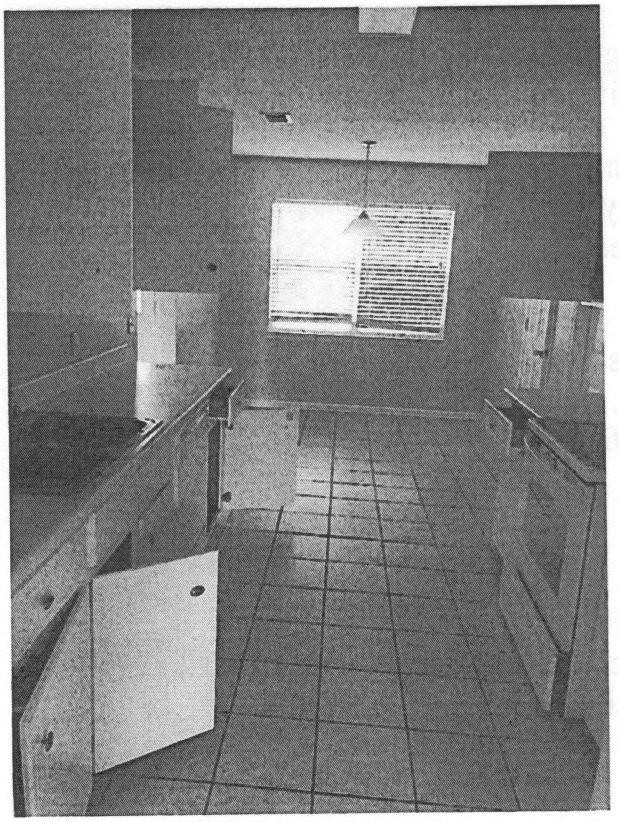
Multi dim — choose angle, if -30° 45° 60° 7F

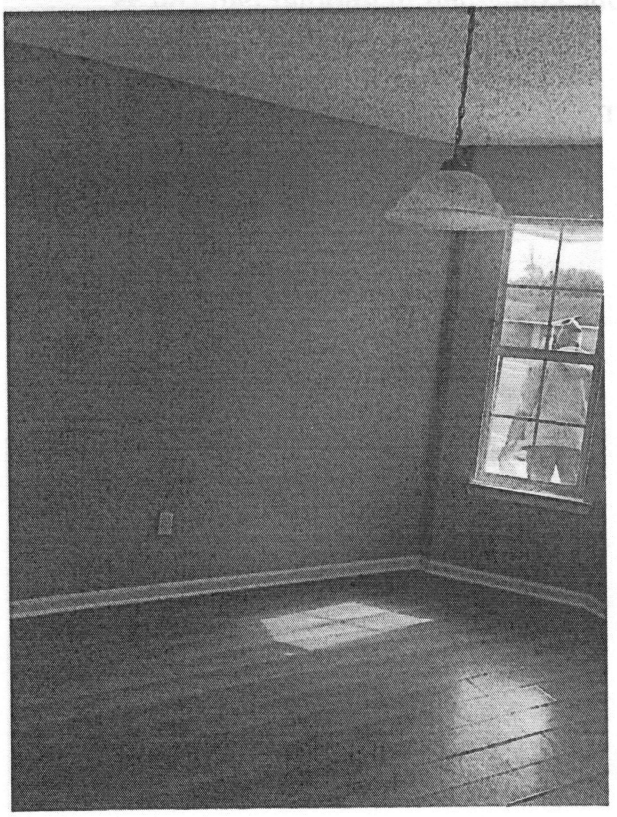
↓

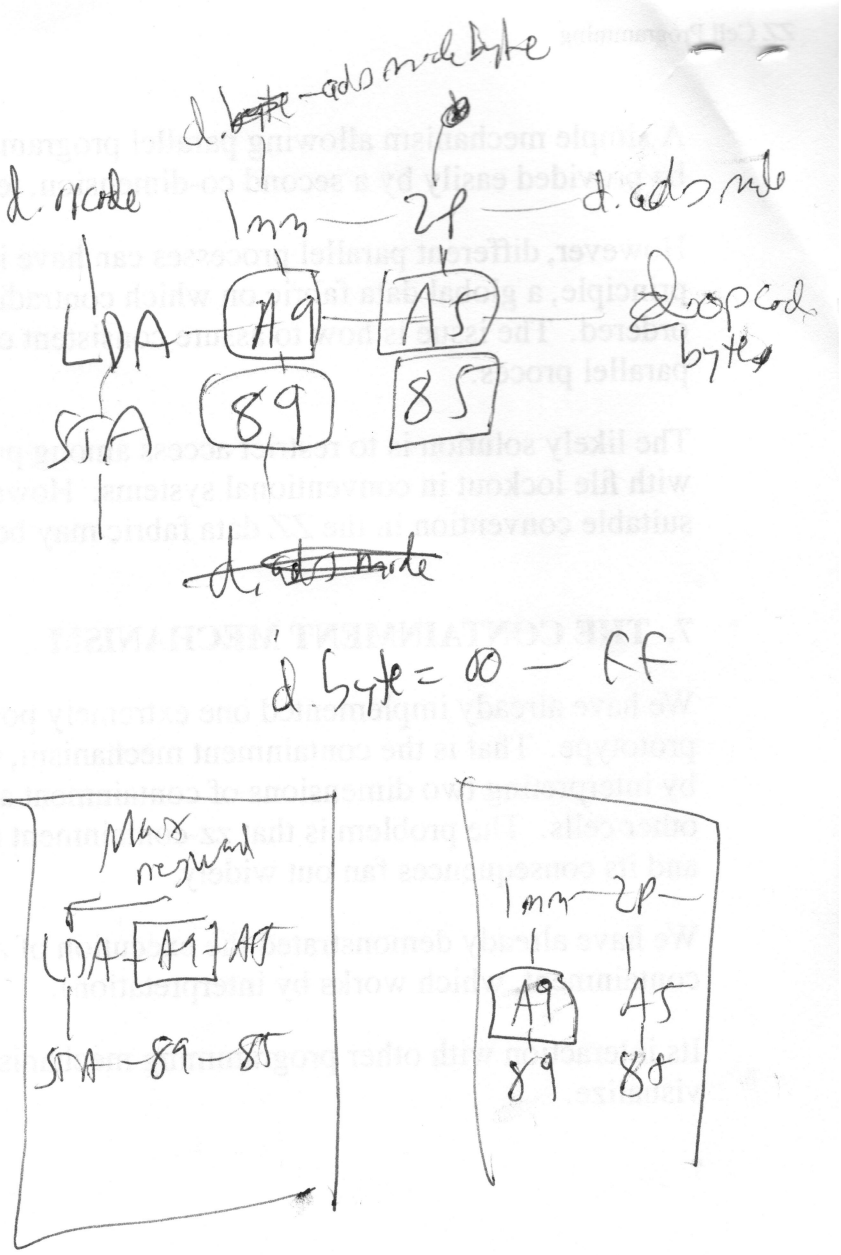
hyperdrive / tumbler





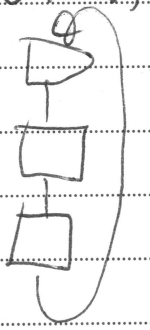





d. byte
LDA
A9
A5
STA
89
85
Imm
2p
d. address byte
d. mode
opcode byte
d. byte = 00 – ff
Max required
LDA A9 A5
STA 89 85
Imm 2p
A9 A5
89 85

World | Views | Controls | 500 hours designing

Text = word
sentence
¶
Heading
Chapter



Data Virtuality

Conceptual + Artistic

2/17 DAT 2.0
- CLAM extender
- Dat SDK for Dat 2
Hyp Drive Daemon

Hyp Core - for bytes.

---

a Manifesto
b Selected Papers '65
c HES
d Hypertext model (cardboard)
e JOT
f Lollipop
g Interlinked / X-Classic
h Xerox PARC - PUP
i Xanadu Version - Xspace, Open, Cambridge, Cosmic Book
j Zig Zag + Programming model for X.space

(permapub)

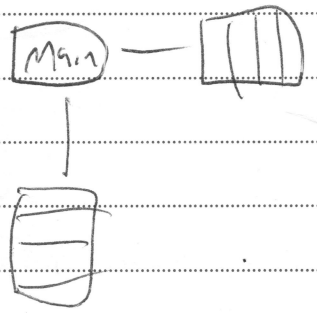
"Wagner's Hypertudio was a paradigm challenge of a serious nature" - Ted Nelson

www.diahome.org

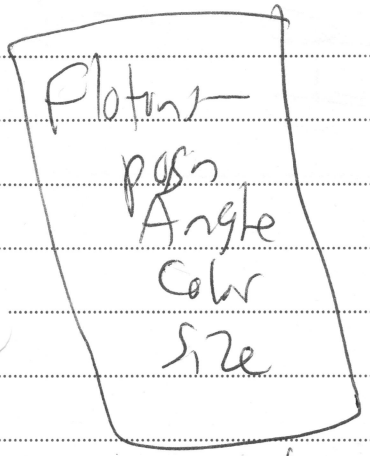
XSpace → 10 comprising pg-

ESC → 22 structure underneath - navigate with Dim

~~Par pgm~~



need conventions for design.

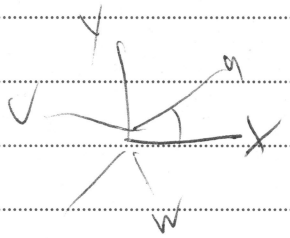


- Each object is a floton.

New Dir / Link - new floton - gets main cell + par. Cell

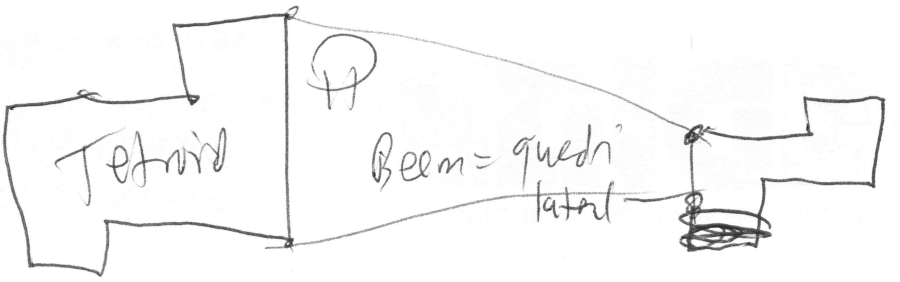
Tweened under user control.

Viewer project - ~~Zoom~~ Zoom X → Floating World

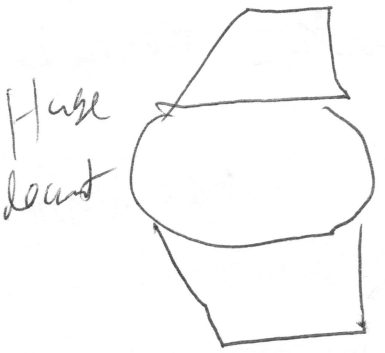


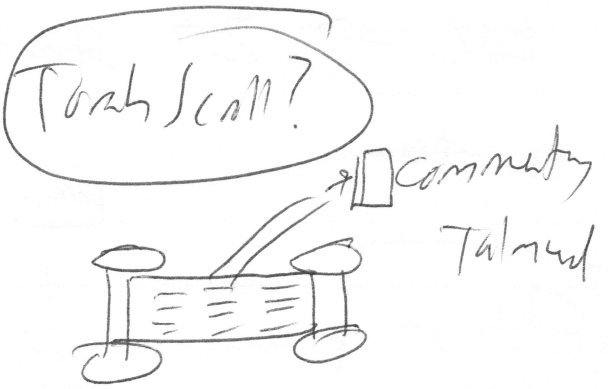
22 dims antrl 3D dims -
3D coords.
Basic shapes wrapped with Texture.
box / sphere / slab.
↓
on Long box.

Can beams btw slab - Textrd



Typesetting on Cylinders — conveyor belt view





Sat version

working and simple shareable system.

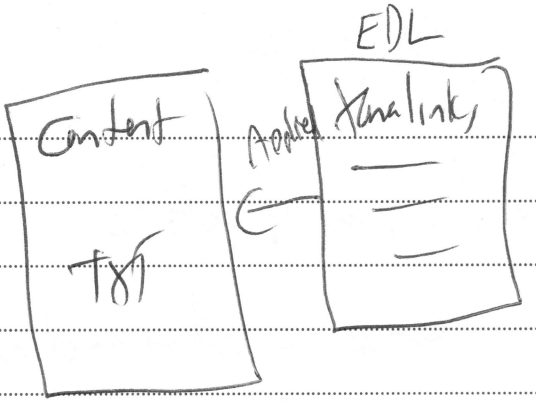
New Game in town

Perma.pub / [illegible] 1/

xmadn.com/SampleEDL → Copy EDL + paste

Pay in Stellar Lumens

Stabilize artist in permaweb form



5 versions - 3 can run. (letting 200)

① Hypertransclusion System. Theo - Ko U. of V. Trans Publishing client + 2 servers
Publish Hyperdoc as EDL
asm. + Micropmt for Content.
Transcopyright. NIH funded

② Open Xanadu 2014 - Nicklaus - web browser. - Origin essay
shows transclusion. Meetnote Origin.html -
navigation - simulate.

③ XuCAm - Cambridge - Upload content, select text for EDL, Asm EDL, upld EDL
perma-pub/xanaviewer1/ - fulfill EDL - Links at Thru
Simulates Micropmt. - Cache -
"New Game in Town"

④ Xanadu Classic - 1979 - Literary Mach. Roy Gregory MMiller
Stuart Green. Roland King Eric C Hill KOP
Link remains to all chars unchanged. Adds, Links, versions.
Xan Disk Drive - VM can download -
Udanax Green - Tom Jeff. Declar. Inter Drafts.
PyX1 - python Xanadu Interface - Ubuntu.
Xanalinks + Transclusions. 4GB zip file - VMware Fusion
- Tumbler Addressing - numeric - Spans of chars + links -
Literary Machines. 1.0 x x x - Addresses - content/edl
spans - start + length

Tumbler pairs — connective

Addresses 1.1.0.1.1 → EDLs

1979 – Enfilade – editable tree of text. — rearr. chas by ptrs

text chas never move. Ptrs. 1970 design

Insrts new chas.

General Enfilade theory — downward / upward propties

count in Tumblers.

1. Granfilade – Texts / disks / versions – what on disk
2. Spanfilade – Text + Links – units of spans.

Intersection = compare at 2 docs.

3. Poomfilade – Manages each new document a permutation Matrix of Tumblers – grows EDL.

Needs bigger addressing reentancy federation 64 bit INTs – Sockets

2003-7 Xanadu Space – Rob Smith – Richest world

↓ ordinary EDLs – complex client, level, objects

Oxford – Rob Smith – Manchester – OpenGL

Flight of Docs – Win 10

- Ply w Arrows. Ctrl left/rt. mouse – camera tilt

Companion page F+S key – Left Rt compare

C key – connections E key – up/down

Switch focus to companion page

---

client very deep – zig zag structure – underneath. Multi Dim Viewer

Sworfing – C++ Python ZZ builds the scene

ZZ Application Builder – Applitude –

Mt. EHS Code
Sharept

~~Mt EHS Code~~
Apple Development
5000'
I need 5000'

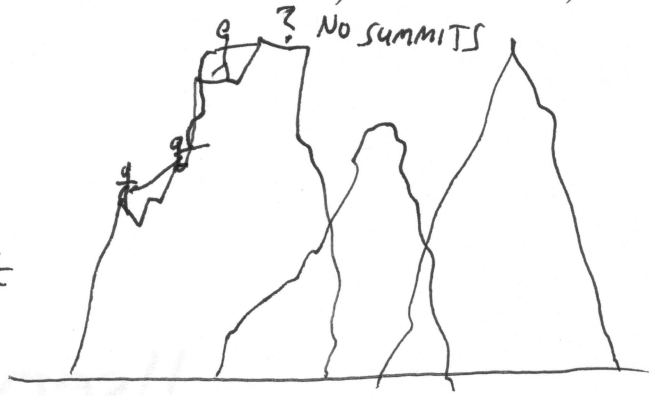
Mt Javascript 5000ft

Mt Node/NPM 1000ft

Mt. DAT SDK 2000ft

Mt. Beaker 500ft → 1500ft ↓ Mt Beaker. Next → 2500ft

Education:
Climbing Mountains



Mt Blockchain → 3000ft

Mt Aframe → 1500ft for what I need to know - actual mountain may be 17,500 ft.

Mt Kubernetes, Mt EBS, Mt Docker ? Not sure yet

Mt Raspbian Buster 500'

Mt Xamarin 25000'

Mt Zigzag 30000'